EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10/811320"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/18 00:21
L2	50	(rotary near3 atomiz$5) (vibrat$4 same plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L3	219	((bell or rotary or $5sonic) near3 atomiz$5) (vibrat$4 with plate)	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L4	63	atomiz$5 (vibrat$4 near3 plate) rotary	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L5	276	((bell or rotary or $5sonic) near3 atomiz$5) (vibrat$4 with plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L6	4	((bell or rotary or $5sonic) near3 atomiz$5) (vibrat$4 with plate) (rotary with head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L7	26	((bell or rotary or $5sonic) near3 atomiz$5) (vibrat$4 with plate) rotary	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L8	2896	(rotary near3 atomiz$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L9	47	atomiz$5 (vibrat$4 near3 (plate or plane or member or piece or part)) rotar$ $5sonic$5	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L10	2770	(239/1,4,7,693,699,700-703,102.1,102.2,403,63).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/18 00:23
L11	563	L10 and $5sonic$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L12	337	L11 and (rota$8 or radia$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L13	15	(atomiz$5 with (vibrat$7 near3 $5sonic$5)) (radial$ with (spatter$ or spray$))	USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

L14	110	L11 and (rota$8 or radia$5).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L15	68	L11 and (rota$8 or radia$5).clm. and $5sonic$5.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L16	1	L10 and (rotary near3 atomiz$5). ab,clm. and $5sonic$5.ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L17	98	L10 and (rotary near3 atomiz$5). ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L18	8	(atomiz$5 with (vibrat$7 near3 $5sonic$5)) (radial$ with (spatter$ or spray$))	US-PGPUB	AND	ON	2007/12/18 00:23
L19	292	((ultrasonic or supersonic) near3 atomiz$5) ((rota$8 or radia$5) with (spatter$4 or spray$4 or coat$4)) (method or means).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L20	497	((ultrasonic or supersonic) near3 atomiz$5) ((rota$8 or radia$5) with (spatter$4 or spray$4 or coat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L21	4	(("4153201") or ("4540123") or ("4981425") or ("5122047")).PN.	US-PGPUB; USPAT	OR	OFF	2007/12/18 00:23
L22	139	((ultrasonic or supersonic) with atomiz$5) ((rota$8 or radia$5) with (spatter$4 or spray$4 or coat$4)) not L20	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L23	205	L20 not L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L24	428	((annulus or annular) near3 (vibrat$4)) and (supersonic or ultrasonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L25	2303	(annulus or annular) near3 (vibrat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

L26	52	((annulus or annular) near3 (vibrat$4)) and (supersonic or ultrasonic) and atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L27	324	(239/102.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/18 00:23
L28	354	(vibrat$5 adj (plate or plane or member or element or part or surface)) with atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L29	81	L28 and (annulus or annular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L30	5343	(vibrating or vibrational) adj plate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L31	56	((vibrating or vibrational) adj plate) with atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L32	467	((vibrating or vibrational) adj plane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L33	13	((vibrat$5) adj plane) and atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L34	1968	((vibrat$5) and (annul$2)) and atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L35	245	((vibrat$5) with (annul$2)) and atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L36	66	((vibrat$5) with (annul$2)) with atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L37	293	("cylindrical horn" or (horn near3 (cylinder or cylindr$4))) with (supersonic or ultrasonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

L38	46	("cylindrical horn" or (horn near3 (cylinder or cylindr$4))) with (supersonic or ultrasonic) and atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L39	52	("cylindrical horn" or (horn near3 (cylinder or cylindr$4))) with (supersonic or ultrasonic) and rotary	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L40	29	annul$2 adj horn	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L41	12	acoustic adj atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L42	1369	cylind$5 near3 horn	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L43	36	L42 SAME atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L44	401	annul$2 near3 horn	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L45	8	L44 SAME atomiz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L46	68	(paint$3 or apply$3 or applicat$3 or coat$3) same ($5sonic$4 with atomiz$5) same (rotary or rotation$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L47	1	(paint$3) same (($5sonic$4 or acoustic) with atomiz$5) same spatter$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L48	8	(paint$3) same ($5sonic$4 with atomiz$5) same (rotary or rotation$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L49	9634	(cylind$5 or annul$2) near4 ((plurality or number or discrete) near3 (segment or section))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23

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L50	59	(paint$3) same (($5sonic$4 or acoustic) with atomiz$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/12/18 00:23
L51	885	(427/421.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/18 00:28
L52	2	L51 and atomiz$5 and spatter$3 and $5sonic$4	US-PGPUB; USPAT	OR	ON	2007/12/18 00:29
L53	4	L51 and atomiz$5 and spatter$3	US-PGPUB; USPAT	OR	ON	2007/12/18 00:29
L54	171	L51 and atomiz$5	US-PGPUB; USPAT	OR	ON	2007/12/18 00:29
L55	66	L51 and atomiz$5 and (annul$2 or cylind$5)	US-PGPUB; USPAT	OR	ON	2007/12/18 00:32
L56	97	(method or process) and (rotary with (head or spatter$3)) and atomiz$5	US-PGPUB	OR	ON	2007/12/18 00:33
L57	16	(method or process) and (rotary with (head or spatter$3)) and atomiz$5 and $5sonic$4	US-PGPUB	OR	ON	2007/12/18 00:34
L58	1	((method or process) and (rotary with (head or spatter$3)) and atomiz$5 and $5sonic$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:34
L59	215	((method or process) and atomiz$5 and $5sonic$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:34
L60	26	((method or process) and atomiz$5 and $5sonic$4 and rota$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:35
L61	22	((coat$3 or spray$3 or paint$3) and atomiz$5 and $5sonic$4 and rota$4).clm.	US-PGPUB	OR	ON	2007/12/18 00:35